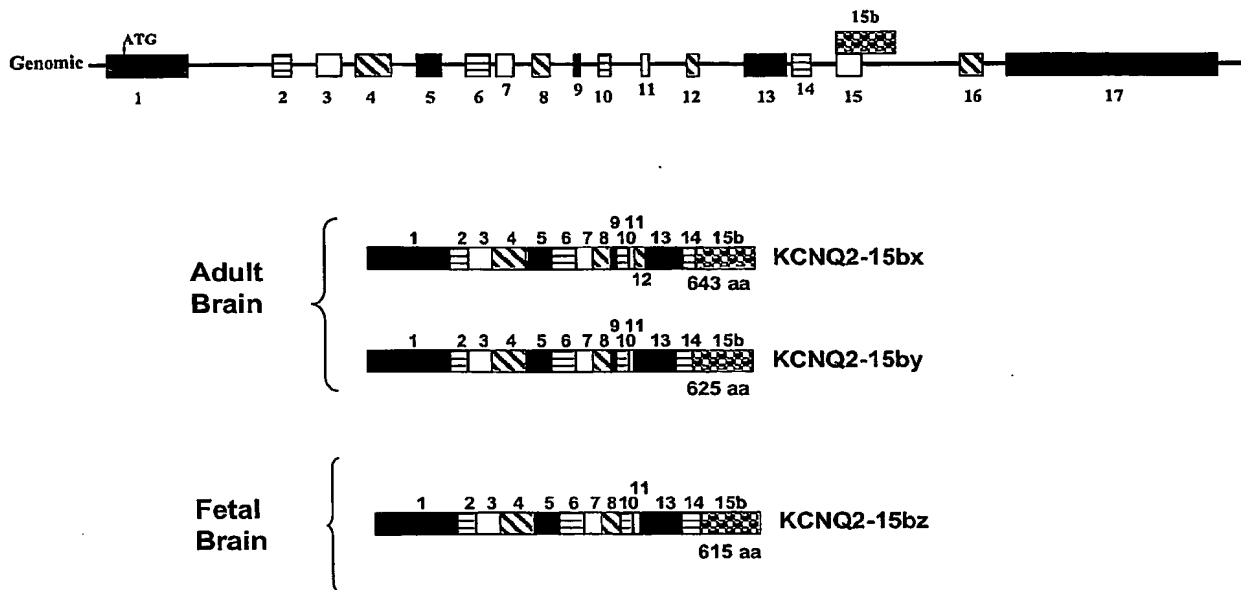


**Fig. 1A**

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SEQ ID NO: 4 1 WQSRNGGVYPGSGEKKLVGVGLDGPAPSTRGALLIAGSEAPKRGSIILSKPRAG  
SEQ ID NO: 6 1 WQSRNGGVYPGSGEKKLVGVGLDGPAPSTRGALLIAGSEAPKRGSIILSKPRAG  
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SEQ ID NO: 7 121 SSGGALYLIEVTIVVGVGVFYRWAAGCCCRVGRGRUKFARPCVQIDINVLIASI  
SEQ ID NO: 2 121 SSGGALYLIEVTIVVGVGVFYRWAAGCCCRVGRGRUKFARPCVQIDINVLIASI  
SEQ ID NO: 4 121 SSGGALYLIEVTIVVGVGVFYRWAAGCCCRVGRGRUKFARPCVQIDINVLIASI  
SEQ ID NO: 6 121 SSGGALYLIEVTIVVGVGVFYRWAAGCCCRVGRGRUKFARPCVQIDINVLIASI  
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SEQ ID NO: 4 181 AVLAAGSGGNVFAFSAIRLSRFQILIRMRDRRGCTWKLIGSVVYAHSKELVTAWYIGF  
SEQ ID NO: 6 181 AVLAAGSGGNVFAFSAIRLSRFQILIRMRDRRGCTWKLIGSVVYAHSKELVTAWYIGF  
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SEQ ID NO: 7 241 LCLILASFVYLAEKENDHDYDADALWGLITLITTCYGDXYPQTNWGRLLAATFELI  
SEQ ID NO: 2 241 LCLILASFVYLAEKENDHDYDADALWGLITLITTCYGDXYPQTNWGRLLAATFELI  
SEQ ID NO: 4 241 LCLILASFVYLAEKENDHDYDADALWGLITLITTCYGDXYPQTNWGRLLAATFELI  
SEQ ID NO: 6 241 LCLILASFVYLAEKENDHDYDADALWGLITLITTCYGDXYPQTNWGRLLAATFELI  
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SEQ ID NO: 4 301 GVFFPALPAGTIGSGFALKVQEQHQKHFKEKRNPAAGLIQSAWREYATNLNLSRTDLHSTW  
SEQ ID NO: 6 301 GVFFPALPAGTIGSGFALKVQEQHQKHFKEKRNPAAGLIQSAWREYATNLNLSRTDLHSTW  
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SEQ ID NO: 7 361 QYVERTVTVPMYSSQTYVYASRLIPPLNQLLELRLNLKSKGLAFKDPPEPSPSKGSP  
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SEQ ID NO: 4 361 QYVERTVTVPMYSSQTYVYASRLIPPLNQLLELRLNLKSKGLAFKDPPEPSPSKGSP  
SEQ ID NO: 6 361 QYVERTVTVPMYSSQTYVYASRLIPPLNQLLELRLNLKSKGLAFKDPPEPSPSKGSP  
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SEQ ID NO: 6 421 CRGFLGCCCCPGRSSQKVLKDRVFSSPRGVAARGKSGSPQAQTVRRSPSADQSLSDSPSKV  
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SEQ ID NO: 4 481 PKSWGFEDGRARAQAFRIKGAASRQNSEASLPGEDIYDDKSCPCFEVTEDLTPGLKVSII  
SEQ ID NO: 6 481 PKSWGFEDGRARAQAFRIKGAASRQNSEASLPGEDIYDDKSCPCFEVTEDLTPGLKVSII  
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SEQ ID NO: 2 541 RAVCVWRETLVSKRKEKESLAPYDVMVDVTEQVSAGHLMDLMSRIKSLQSRVDOQIVGRGPAIT  
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SEQ ID NO: 6 541 RAVCVWRETLVSKRKEKESLAPYDVMVDVTEQVSAGHLMDLMSRIKSLQSRVDOQIVGRGPAIT  
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SEQ ID NO: 4 601 DKDRKTGPAEALFEDPDMGRGLKGVQVLSRKEKLDPLVNIYHORMGTPPETTEAYVFG  
SEQ ID NO: 6 601 DKDRKTGPAEALFEDPDMGRGLKGVQVLSRKEKLDPLVNIYHORMGTPPETTEAYVFG  
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SEQ ID NO: 7 661 AKEPPEAPPYVHSPEDSRHVRHGCTIVKIVRSSSSSTGQKNFSAPPAAVPCVCPPTSTSWOP  
SEQ ID NO: 2 661 AKEPPEAPPYVHSPEDSRHVRHGCTIVKIVRSSSSSTGQKNFSAPPAAVPCVCPPTSTSWOP  
SEQ ID NO: 4 661 AKEPPEAPPYVHSPEDSRHVRHGCTIVKIVRSSSSSTGQKNFSAPPAAVPCVCPPTSTSWOP  
SEQ ID NO: 6 661 AKEPPEAPPYVHSPEDSRHVRHGCTIVKIVRSSSSSTGQKNFSAPPAAVPCVCPPTSTSWOP  
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SEQ ID NO: 2 721 QSHPRQCHGTSVPGDHGSLVRIPPPAPHASRLSAYGGGNRA SMEFLRQDTPGCRPPEGN  
SEQ ID NO: 4 721 QSHPRQCHGTSVPGDHGSLVRIPPPAPHASRLSAYGGGNRA SMEFLRQDTPGCRPPEGN  
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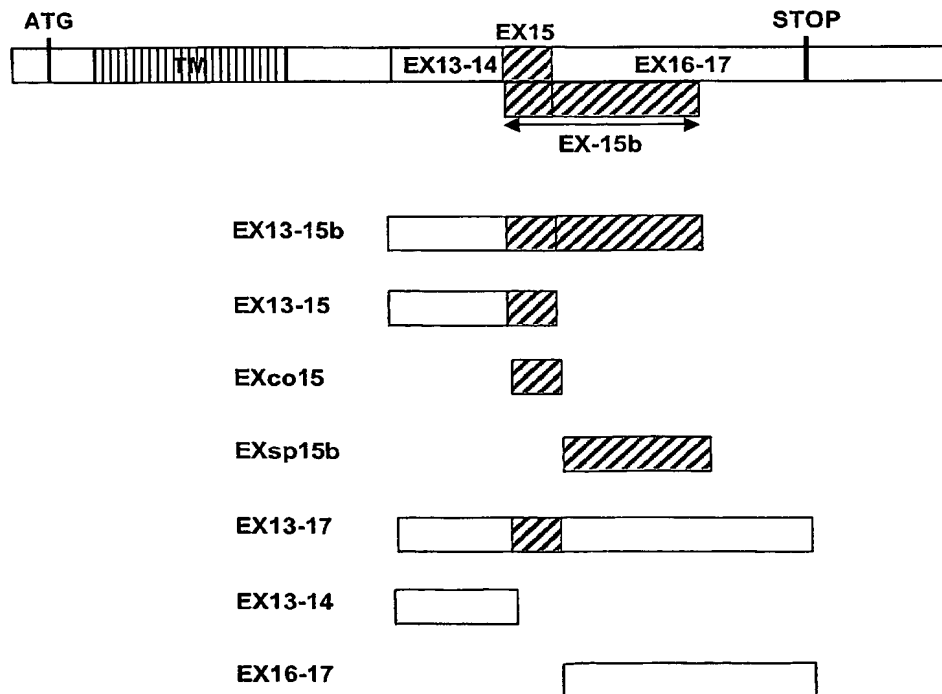
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Figure 2



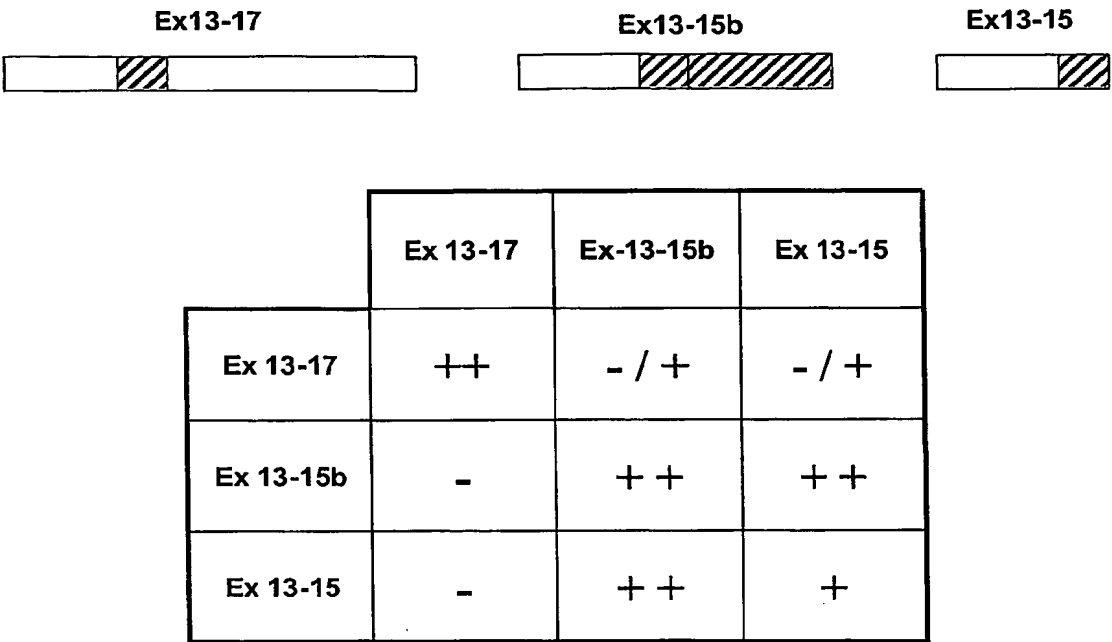
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Figure 3



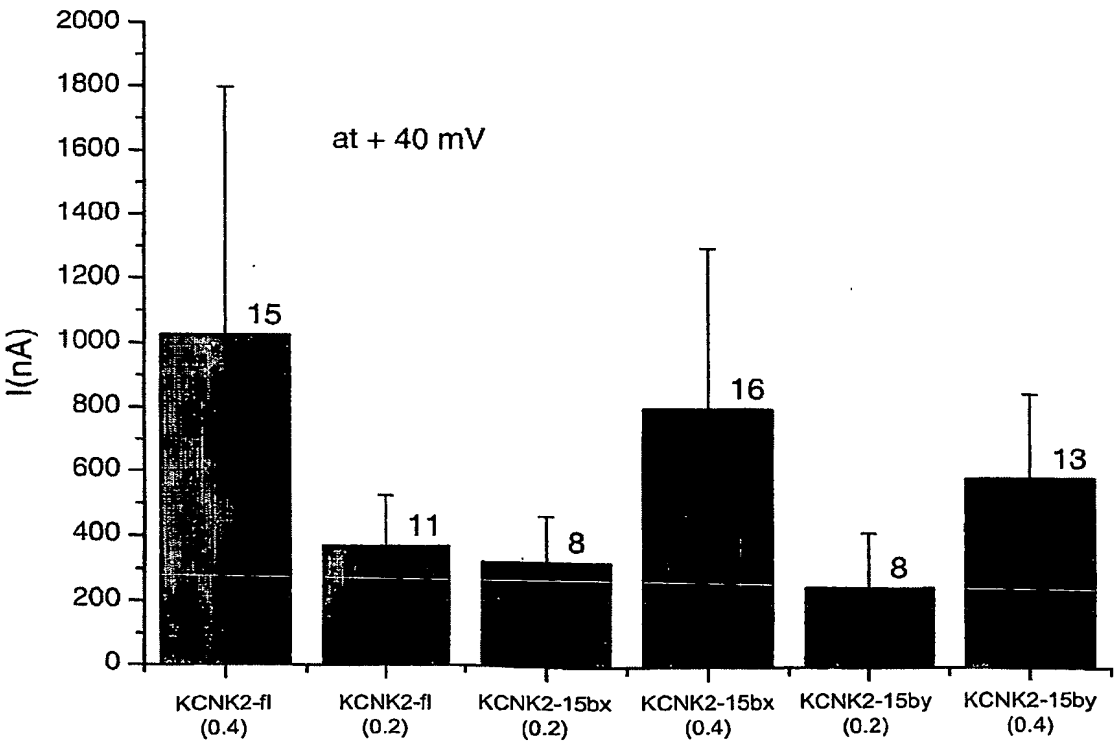
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Figure 4



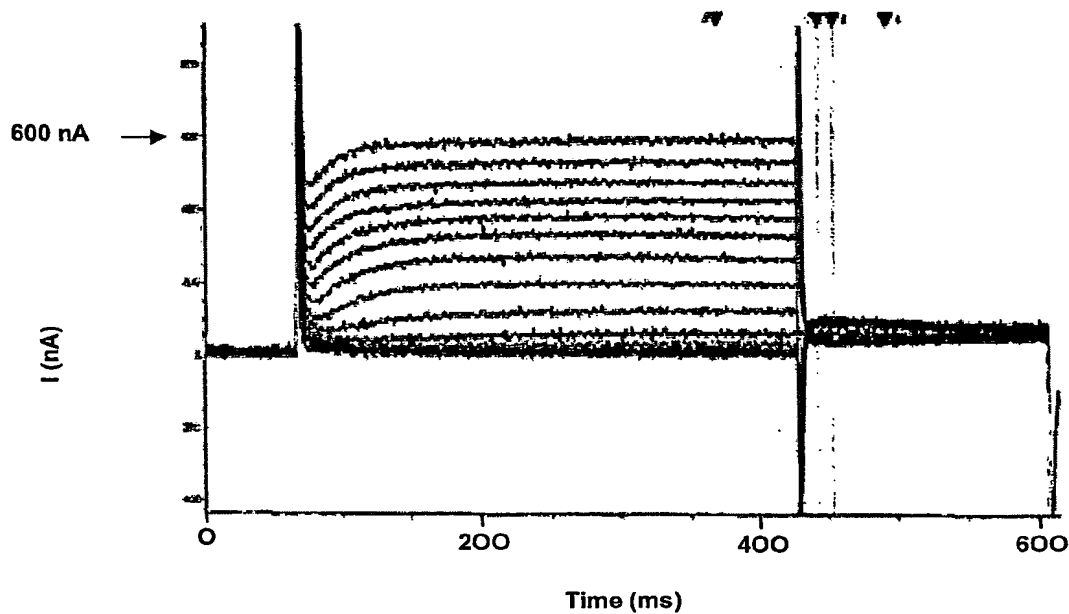
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Figure 5



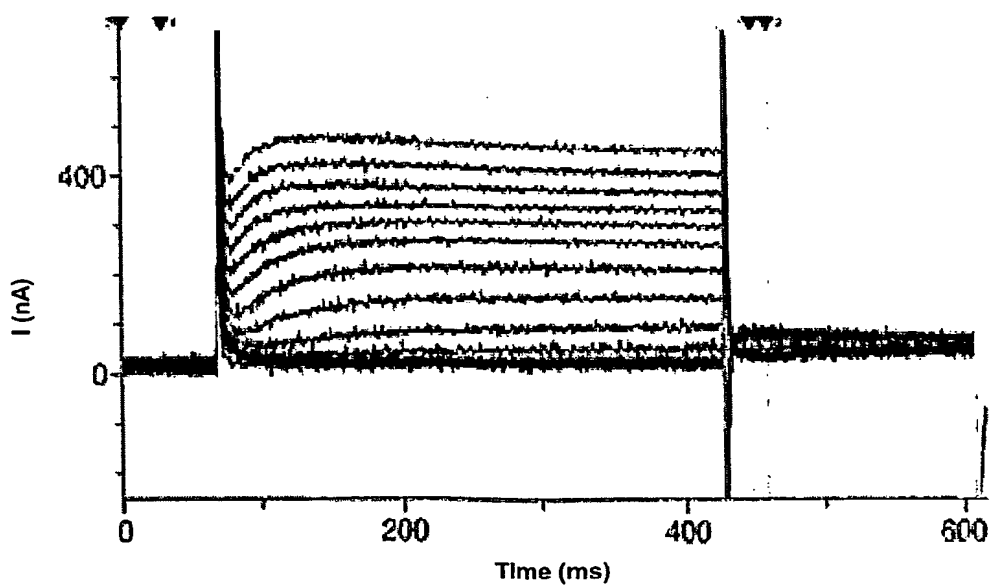
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Figure 6A



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Figure 6B



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